



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Customer Number: 20277

Craig HANSEN, et al.

Confirmation Number: 9134

Application No.: 10/712,430

Group Art Unit: 2183

Filed: November 14, 2003

Examiner: CHAN, EDDIE P

For: SYSTEM AND SOFTWARE FOR CATENATED GROUP SHIFT INSTRUCTION

TRANSMITTAL

Mail Stop Ex Partes Reexam Central Reexamination Unit Office of Patent Legal Administration United States Patent & Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

600 13th Street, N.W.

Washington, DC 20005-3096

Phone: 202.756.8000 KLC/gav

Transmitted herewith is an Information Disclosure Statement in the above-identified application.

No additional fee is required.

Applicant is entitled to small entity status under 37 CFR 1.27

Also attached: Form 1449 (references in hard copy and on CD-ROM) and

Notice of Concurrent Proceedings

Please charge my Deposit Account No. 500417 in the amount of \$0.00. An additional copy of this

transmittal sheet is submitted herewith.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 500417, including any filing fees under 37 CFR 1.16

for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

MCDERMOTT WILL & EMERY LLI

Kenneth Cage Registration No. 26, 15

Registration No. 20, P3

Please recognize our Customer No. 20277 as our

correspondence address.

Facsimile: 202.756.8087
Date: January 30, 2006

FFR 0 9 2006

Docket No

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INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

10/712,430

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP

Registration No. 26

600 13th Street, N.W. Washington, DC 20005-3096 Phone: 202.756.8000 KLC/gav

Facsimile: 202.756.8087 Date: January 30, 2006 Please recognize our Customer No. 20277 as our correspondence address.

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Substitut	te for form 1449A/PTO			Complete if Known		
INIT	ORMATION I	nte/	CI OSLIDE	Application Number	10/712.430	
				Filing Date	November 14, 2003	
STA	TEMENT BY	APP	PLICANT	First Named Inventor	Craig C. HANSEN, et al.	
				Group Art Unit	2183	
(use as n	nany sheets as necessar	y)		Examiner Name	CHAN, EDDIE P	
Sheet	1	of	10	Attorney Docket Number	43876-148	

			U.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-4,852,098	07/25/1989	Brechard, et al.	
	AB	US-4,875,161	10/17/1989	Lahti, et al.	
	AC	US-4,949,294	08/14/1990	Wambergue, et al.	
	AD	US-4,953,073	08/28/1990	Moussouris, et al.	
	AE	US-4,959,779	09/25/1990	Weber, et al.	
	AF	US-5,081,698	01/14/1992	Kohn	
	AG	US-5,113,506	05/12/1992	Moussouris, et al.	
	AH	US-5,155,816	10/13/1992	Kohn	
	Al	US-5,161,247	11/03/1992	Murakami, et al.	
	AJ	US-5,179,651	01/12/1993	Taaffe, et al.	
	AK	US-5,231,646	07/27/1993	Heath, et al.	
	AL	US-5,233,690	08/03/1993	Sherlock, et al.	
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	AO	US-5,487,024	01/23/1996	Girardeau, Jr.	
	AP	US-5,515,520	05/07/1996	Hatta, et al.	·
	AQ	US-5,533,185	07/02/1996	Lentz, et al.	
	AR	US-5,590,365	12/31/1996	Ide, et al.	
	AS	US-5,600,814	02/04/1997	Gahan, et al.	

		FORE	EIGN PATENT DO	CUMENTS		
Examiner	Cite	Foreign Patent Document				T ⁶
Initials*	No.'	Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MAA DD VVVV OI CI		Pages, Columns, Lines, Where RelevantPassages or Relevant Figures Appear	
	AT	WO 93/11500				

Examiner	Date	
Signature	Considered	

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	Substitute for form 1449B/PTO			Complete if Known		
Substitute				Application Number	10/712,430	
IN	FORMATION	DISC	CLOSURE	Filing Date	November 14, 2003	
SI	STATEMENT BY APPLICANT			First Named Inventor	Craig C. HANSEN, et al.	
				Group Art Unit	2183	
	(use as many sheet	s as ne	cessary)	Examiner Name	CHAN, EDDIE P	
Sheet	2	of	10	Attorney Docket Number	43876-148	

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issued number(s), publisher, city and/or country where published.	T ²
	AU	IEEE Draft Standard for "Scalable Coherent Interface-Low-Voltage Differential Signal Specifications and Packet Encoding", IEEE Standards Department, P1596.3/D0.15 (Mar. 1992) (50006DOC018530 – 563)	
	AV	IEEE Draft Standard for "High-Bandwidth Memory Interface Based on SCI Signaling Technology (RamLink)," IEEE Standards Department, Draft 1.25 IEEE P1596.4-199X (May 1995) (50006DOC018413 – 529)	
	AW	Gerry Kane et al., "MIPS RISC Architecture," Prentice Hall (1995) (50006DOC018576 –848)	
	AX	IBM, "The PowerPC Architecture: A Specification For A New Family of RISC Processors," 2nd Ed., Morgan Kaufmann Publishers, Inc., (1994) (50006DOC019229 – 767)	
	AY	Hewlett-Packard Co., "PA-RISC 1.1 Architecture and Instruction Set," Manual Part No. 09740-90039, (1990) (50006DOC018849 – 19228)	
	AZ	MIPS Computer Systems, Inc., "MIPS R4000 User's Manual," Mfg. Part No. M8-00040, (1990) (50006DOC017026 – 621)	
	BA	i860 TM Microprocessor Architecture, Neal Margulis, Foreword by Les Kohn	
	BB	Gove, "The MVP: A Highly-Integrated Video Compression Chip," IEEE Data Compression Conference, pp. 215-24 (March 1994) (51056DOC000891 – 900)	
	BC	Gove, "The Multimedia Video Processor (MVP): A Chip Architecture for Advanced DSP Applications," IEEE DSP Workshop, pp. 27-30 (October 2-5, 1994) (51056DOC015452 – 455)	
	BD	Guttag et al., "A Single-Chip Multiprocessor for Multimedia: The MVP," IEEE Computer Graphics & Applications, pp. 53-64 (November 1992) (51056DOC000913 – 924)	
•	BE	Lee et al., "MediaStation 5000: Integrating Video and Audio," IEEE Multimedia pp. 50-61 (Summer 1994) (51056DOC000901 – 912)	
	BF	TMS320C80 (MVP) Parallel Processor User's Guide, Texas Instruments (March 1995) (51056DOC003744 – 4437)	
	BG	TMS320C80 (MVP) Master Processor User's Guide, Texas Instruments (March 1995) (51056DOC000925 – 957)	:
	ВН	Bass et al., "The PA 7100LC Microprocessor: A Case Study of IC Design Decisions in a Competitive Environment," Hewlett-Packard Journal, Vol. 46, No. 2, pp. 12-22 (April 1995) (51056DOC059283 – 289)	
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	BK	Gwennap, "Digital MIPS Add Multimedia Extensions," Microdesign Resources, pp. 24-28 (November 18, 1996) (51056DOC003454 - 459)	
	BL	Kurpanek et al., "PA7200: A PA-RISC Processor with Integrated High Performance MP Bus Interface," IEEE COMPCON '94, pp. 375-82 (February 28- March 4, 1994) (51056DOC002149 – 156)	
	BM	Lee et al., "Pathlength Reduction Features in the PA-RISC Architecture," IEEE COMPCON, pp. 129-35 (February 24-28, 1992) (51056DOC068161 – 167)	
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Examiner	Dated	
Signature	Considered	

^{*}EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORM TO THIS ADDRESS. Send To Commissioner For Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO				Complete if Known		
INFORMATION DISCLOSURE		Application Number	10/712.430			
INFORMATION DISCLOSURE				Filing Date	November 14, 2003	
STA	TEMENT BY	APF	PLICANT	First Named Inventor	Craig C. HANSEN, et al.	
				Group Art Unit	2183	
(use as many sheets as necessary)		Examiner Name	CHAN, EDDIE P			
Sheet	3	of	10	Attorney Docket Number	43876-148	

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Examiner Initials*	Cite No.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	ВО	US-5,636,351	06/03/1997	Lee	
	BP	US-5,721,892	02/24/1998	Peleg, et al.	
	BQ	US-5,734,874	03/31/1998	Van Hook, et al.	
	BR	US-5,758,176	05/26/1998	Agarwal, et al.	
	BS	US-5,768,546	06/16/1998	Kwon	
	ВТ	US-5,887,183	03/23/1999	Agarwal, et al.	
	BU	US-5,996,057	11/30/1999	Scales III, et al.	
	BV	US-6,425,073	07/23/2002	Roussel, et al.	
	BW	US-6,516,406	02/04/2003	Peleg, et al.	

		FO	REIGN PATENT DO	CUMENTS		
Examiner	Cite	Foreign Patent Document				T _e
Initials*	No.'	Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where RelevantPassages or Relevant Figures Appear	
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Examiner	Date	T	
Signature	 Considered		

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ST	STATEMENT BY APPLICANT		First Named Inventor	Craig C. HANSEN, et al.		
				Group Art Unit	2183	
(use as many sheets as necessary)			cessary)	Examiner Name	CHAN, EDDIE P	
Sheet	4	of	10	Attorney Docket Number	43876-148	

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issued number(s), publisher, city and/or country where published.	T ²
	BX	Lee, "Realtime MPEG Video via Software Decompression on a PA-RISC Processor," IEEE, pp. 186-92 (1995) (51056DOC007345 – 351)	
	BY	Martin, "An Integrated Graphics Accelerator for a Low-Cost Multimedia Workstation," Hewlett-Packard Journal, Vol. 46, No. 2, pp. 43-50 (April 1995) (51056DOC072083 – 090)	
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	CA	HP 9000 Series 700 Workstations Technical Reference Manual: Model 712, Hewlett-Packard (January 1994) (51056DOC068048 – 141)	
	СВ	PA-RISC 1.1 Architecture and Instruction Set Reference Manual, Third Edition, Hewlett-Packard (February 1994) (51056DOC002157 – 176)	
	CC	Ang, "StarT Next Generation: Integrating Global Caches and Dataflow Architecture," Proceedings of the ISCA 1992 Dataflow Workshop (1992) (51056DOC071743 - 776)	
	CD	Beckerle, "Overview of the StarT (*T) Multithreaded Computer," IEEE COMPCON '93, pp. 148-56 (February 22-26, 1993) (51056DOC002511 – 519)	
	CE	Diefendorff et al., "The Motorola 88110 Superscalar RISC Microprocessor," IEEE pp. 157-62 (1992) (51056DOC008746 – 751)	
	CF	Gipper, "Designing Systems for Flexibility, Functionality, and Performance with the 88110 Symmetric Superscalar Microprocessor," IEEE (1992) (51056DOC008758 – 763)	
	CG	Nikhil et al., "*T: A Multithreaded Massively Parallel Architecture," Computation Structures Group Memo 325-2, Laboratory for Computer Science, Massachusetts Institute of Technology (March 5, 1992) (51056DOC002464 – 476)	
	СН	Papadopoulos et al., "*T: Integrated Building Blocks for Parallel Computing," ACM, pp. 624-35 (1993) (51056DOC007278 – 289)	
	CI	Patterson, "Motorola Announces First High Performance Single Board Computer Using Superscalar Chip," Motorola Computer Group (Sept. 1992) (51056DOC069260 – 262)	
	CJ	M. Phillip, "Performance Issues for 88110 RISC Microprocessor," IEEE, 1992 (51056DOC008752 - 757)	Г
	CK	M. Smotherman et al., "Instruction Scheduling for the Motorola 88110," IEEE, 1993 (51056DOC008784 – 789)	Γ
	CL	R. Mueller, "The MC88110 Instruction Sequencer," Northcon, 1992 (51056DOC009735 - 738)	T
	CM	J. Arends, "88110: Memory System and Bus Interface," Northcon, 1992 (51056DOC009739 - 742)	
	CN	K. Pepe, "The MC88110's High Performance Load/Store Unit," Northcon, 1992 (51056DOC009743 - 747)	
	CO	J. Maguire, "MC88110: Datpath," Northcon, 1992 (51056DOC010059 - 063)	
	CP	Abel et al., "Extensions to FORTRAN for Array Processing," ILLIAC IV Document No. 235, Department of Computer Science, University of Illinois at Urbana-Champaign (September 1, 1970) (51056DOC001630 – 646)	
	CQ	Barnes et al., "The ILLIAC IV Computer," IEEE Transactions on Computers, Vol. C-17, No. 8, pp. 746-57 (August 1968) (51056DOC012650 – 661)	
	CR	Knapp et al., "Bulk Storage Applications in the ILLIAC IV System," ILLIAC IV Document No. 250, Center for Advanced Computation, University of Illinois at Urbana-Champaign (August 3, 1971) (51056DOC001647 – 656)	
	CS	Awaga et al., "The µVP 64-bit Vector Coprocessor: A New Implementation of High-Performance Numerical Computation," IEEE Micro, Vol. 13, No. 5, pp. 24-36 (October 1993) (51056DOC011921 – 934)	
	CT	Takahashi et al., "A 289 MFLOPS Single Chip Vector Processing Unit," The Institute of Electronics, Information, and Communication Engineers Technical Research Report, pp. 17-22 (May 28, 1992) (51056DOC009798 – 812)	

Examiner	•	Dated	
Signature	•	Considered	

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CU Uchiyama et al., "The Gmicro/500 Superscalar Microprocessor with Branch Buffers," IEEE Micro (October 1993) (51056DOC000185 – 194) CV Broughton et al., "The S-1 Project: Top-End Computer Systems for National Security Applications," (October 24, 1985) (51056DOC057368 – 607) CW Farmwald et al., "Signal Processing Aspects of the S-1 Multiprocessor Project," SPIE Vol. 241, Real-Time Signal Processing (1980) (51056DOC072280 - 291) CX Farmwald, "High Bandwidth Evaluation of Elementary Functions," IEEE Proceedings, 5th Symposium on Computer Arithmetic (1981) (51056DOC071029 -034) CY Gilbert, "An Investigation of the Partitioning of Algorithms Across an MIMD Computing System," (February 1980) (51056DOC072244 – 279) CZ Widdoes, "The S-1 Project: Developing High-Performance Digital Computers," IEEE Computer Society COMPCON Spring 1980 (December 11, 1979) (51056DOC071574 - 585) DA Cornell, S-1 Uniprocessor Architecture SMA-4 (51056DOC057368 – 607)					
STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 5 of 10 Attorney Docket Number 43876-148 OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL, LETTERS), title of the article (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issued number(s), publisher, city and/or country where published. CU Uchiyama et al., "The Gmicro/500 Superscalar Microprocessor with Branch Buffers," IEEE Micro (October 1993) (51056DOC000185 - 194) CV Broughton et al., "The S-1 Project: Top-End Computer Systems for National Security Applications," (October 24, 1985) (51056DOC057368 - 607) CW Farmwald et al., "Signal Processing Aspects of the S-1 Multiprocessor Project," SPIE Vol. 241, Real-Time Signal Processing (1980) (51056DOC072280 - 291) CX Farmwald, "High Bandwidth Evaluation of Elementary Functions," IEEE Proceedings, 5th Symposium on Computer Arithmetic (1981) (51056DOC071029 -034) CY Gilbert, "An Investigation of the Partitioning of Algorithms Across an MIMD Computing System," (February 1980) (51056DOC072244 - 279) CZ Widdoes, "The S-1 Project: Developing High-Performance Digital Computers," IEEE Computer Society COMPCON Spring 1980 (December 11, 1979) (51056DOC071574 - 585) DA Cornell, S-1 Uniprocessor Architecture SMA-4 (51056DOC057368 - 607)					
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Sheet 5 of 10 Attorney Docket Number 43876-148 OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL.LETTERS), title of the article (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issued number(s), publisher, city and/or country where published. CU Uchiyama et al., "The Gmicro/500 Superscalar Microprocessor with Branch Buffers," IEEE Micro (October 1993) (51056DOC000185 – 194) CV Broughton et al., "The S-1 Project: Top-End Computer Systems for National Security Applications," (October 24, 1985) (51056DOC057368 – 607) CW Farmwald et al., "Signal Processing Aspects of the S-1 Multiprocessor Project," SPIE Vol. 241, Real-Time Signal Processing (1980) (51056DOC072280 - 291) CX Farmwald, "High Bandwidth Evaluation of Elementary Functions," IEEE Proceedings, 5th Symposium on Computer Arithmetic (1981) (51056DOC071029 -034) CY Gilbert, "An Investigation of the Partitioning of Algorithms Across an MIMD Computing System," (February 1980) (51056DOC072244 - 279) CZ Widdoes, "The S-1 Project: Developing High-Performance Digital Computers," IEEE Computer Society COMPCON Spring 1980 (December 11, 1979) (51056DOC071574 - 585) DA Cornell, S-1 Uniprocessor Architecture SMA-4 (51056DOC057368 - 607)					
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					Group Art Unit	2183	
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IN	FORMAT	ON DISC	CLOSURE	Filing Date	November 14, 2003	
STATEMENT BY APPLICANT				First Named Inventor	Craig C. HANSEN, et al.	
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Sheet.	7	of	10	Attorney Docket Number	43876-148	

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Examiner	Dated	
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Substitute for form 1449B/PTO				Application Number	10/712,430		
IN	FORMAT	ION DISC	CLOSURE	Filing Date	November 14, 2003		
SI	FATEMEN	T BY API	PLICANT	First Named Inventor	Craig C. HANSEN, et al.		
				Group Art Unit	2183		
	(use as man	y sheets as ned	cessary)	Examiner Name	CHAN, EDDIE P		
Sheet	9	of	10	Attorney Docket Number	43876-148		

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issued number(s), publisher, city and/or country where published.	T ²
	GI	IEEE Standard 754 (ANSI/IEEE Std. 754-1985) (51056DOC019304 - 323)	
		Original Complaint for Patent Infringement, MicroUnity Systems Engineering, Inc. v. Dell, Inc. f/Wa/ Dell Computer and Intel Corporation; C.A. NO. 2-04CV-120; In the United States District Court of the Eastern District of Texas, Marshall Division filed March 26, 2004	
~	GJ	Amended Complaint for Patent Infringement, MicroUnity Systems Engineering, Inc. v. Dell, Inc. f/k/a/ Dell Computer and Intel Corporation; C.A. NO. 2-04CV-120; In the United States District Court of the Eastern District of Texas, Marshall Division filed April 20, 2004	
	GK	Expert Witness Report of Richard A. Killworth, Esq., MicroUnity Systems Engineering, Inc. v. Dell, Inc. f/k/a/ Dell Computer and Intel Corporation, C.A. NO. 2-04CV-120; In the United States District Court of the Eastern District of Texas, Marshall Division filed September 12, 2005	
	GL	Declaration and Expert Witness Report of Ray Mercer Regarding Written Description and Enablement Issues, MicroUnity Systems Engineering, Inc. v. Dell, Inc. f/k/a/ Dell Computer and Intel Corporation; C.A. NO. 2- 04CV-120; In the United States District Court of the Eastern District of Texas, Marshall Division filed September 12, 2005	
	GM	Corrected Expert Report of Dr. Stephen B. Wicker Regarding Invalidity of U.S. Patent Nos. 5,742,840; 5,794,060; 5,764,061; 5,809,321; 6,584,482; 6,643,765; 6,725,356 and Exhibits A-I; MicroUnity Systems Engineering, Inc. v. Dell, Inc. f/k/a/ Dell Computer and Intel Corporation; C.A. NO. 2-04CV-120; In the United States District Court of the Eastern District of Texas, Marshall Division filed October 6, 2005	
	GN	Defendants Intel and Dell's Invalidity Contentions with Exhibits A-G; MicroUnity Systems Engineering, Inc. v. Dell, Inc. f/k/a/ Dell Computer and Intel Corporation; C.A. NO. 2-04CV-120; In the United States District Court of the Eastern District of Texas, Marshall Division filed September 19, 2005	
	GO	Defendants Dell Inc. and Intel Corporation's Identification of Prior Art Pursuant to 35 USC §282; MicroUnity Systems Engineering, Inc. v. Dell, Inc. f/k/a/ Dell Computer and Intel Corporation; C.A. NO. 2-04CV-120; In the United States District Court of the Eastern District of Texas, Marshall Division filed October 7, 2005	
	GP	Request for <i>Inter Partes</i> Reexamination Under 35 USC §§ 311-318 of U.S. Patent No. 6,725,356 filed on June 28, 2005	
	GQ	Deposition of Larry Mennemeier on September 22, 2005 and Exhibit 501; MicroUnity Systems Engineering, Inc. v. Dell, Inc. f/k/a/ Dell Computer and Intel Corporation; C.A. NO. 2-04CV-120; In the United States District Court of the Eastern District of Texas, Marshall Division	
	GR	Deposition of Leslie Kohn on September 22, 2005; MicroUnity Systems Engineering, Inc. v. Dell, Inc. f/k/a/ Dell Computer and Intel Corporation; C.A. NO. 2-04CV-120; In the United States District Court of the Eastern District of Texas, Marshall Division	
	GS	Intel Article, "Intel Announces Record Revenue of 9.96 Billion", October 18, 2005	
	GT	The New York Times Article, "Intel Posts 5% Profit Increase on Demand for Notebook Chips", October 19, 2005	
	GU	USA Today Article, "Intel's Revenue Grew 18% In Robust Quarter for Tech", October 19, 2005	
	GV	The Wall Street Journal Article, "Intel Says Chip Demand May Slow", October 19, 2005	
	GW	The New York Times Article, "Intel Settlement Revives A Fading Chip Designer", October 20, 2005	t^-

Examiner	Dated	·
Signature	Considered	

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION				ATTY. DOCKET NO. 043876-0148		SERIAL NO. 10/712,430			
				APPLICANT Craig HANSEN, et al.					
(PTO-1449)					FILING DATE November 14, 2	FILING DATE November 14, 2003 GROUP 2183			
			U	.S. PATEN	T DOCUMENTS				
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code2 (# known) MM-DD-1			Name of Patentee or Applicant of Cited Pages, Columns, Li Document Relevant Passages Figures App			or Relevant	
	A	US	6,643,765	11-04-2003	Hansen et al.				
	В	US	6,725,356	04-20-2004	Hansen et al.				
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EXAMINER'S INITIALS CITE NO. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate),					of the item (boo and/or countr	ok, magazine y where			
	С	MARKOFF, JOHN, "Intel Settlement Revive			vives a Fading Chip Designer," The New York Times (10-20-2005)				
	D) Intel Press Release, "Intel Announces Re			Record Revenue of \$9.96 Billion," Santa Clara, CA, 10-18-2005				
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EXAMINER					DATE CON	SIDERED			

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.



Docket No.: 043876-0 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Customer Number: 20277

Craig HANSEN, et al. : Confirmation Number: 9134

Application No.: 10/712,430 : Group Art Unit: 2183

Filed: November 14, 2003 : Examiner: Eddie CHAN

For: SYSTEM AND SOFTWARE FOR CATENATED GROUP SHIFT INSTRUCTION

NOTICE OF CONCURRENT PROCEEDINGS

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Dear Sir:

Please be advised of the following concurrent reexamination proceedings, which involve related patents to the above-identified matter:

Patent No.
5,809,321
6,584,482
5,794,061
5,742,840
5,794,060
6,643,765
6,725,356
6,269,136
5,737,547

90/007,647 5,336,926

90/007,758 5,985,692

Respectfully submitted,

McDERMOTT WILL & EMERY LLP

Registration No. 26,151

600 13th Street, N.W. Washington, DC 20005-3096 Phone: 202.756.8000 KLC:jam

Facsimile: 202.756.8087 **Date: January 30, 2006**

Please recognize our Customer No. 20277 as our correspondence address.